

## IN THE ABSTRACT

~~A method and system for~~ The invention relates to the monitoring ~~of~~ safe transmission of data packets between at least two network subscribers. ~~One object of the invention is to indicate a safe and is done in a~~ significantly faster way. ~~in which a~~ Safety-based monitoring of the transmission with respect to incorrectly and correctly transmitted data packets ~~is~~ can be carried out in real time on the basis of an error rate limit value ~~which is and/or can be predetermined, in particular a residual error and/or bit error rate limit value.~~

~~In order to achieve this, the invention proposes, for monitoring a transmission of data packets between at least two network subscribers, with safety-based monitoring of an error-based limit value which is and/or can be predetermined, being carried out on the transmission medium for response to identified incorrectly transmitted data packets (1) and identified correctly transmitted data packets (1), that a data record (22, 23) which is in each case expected by at least one network subscriber and which is used to determine whether data packets (1) have been transmitted incorrectly or correctly be transmitted within the payload data (2) in each data packet (1).~~

~~(Figure 2)~~